

Title (en)

Device to screw and unscrew threaded elements

Title (de)

Vorrichtung zum Anziehen und Lösen von mit Gewinde versehenen Befestigungselementen

Title (fr)

Dispositif pour serrer et desserrer des éléments filetés

Publication

**EP 0694369 B1 20020206 (EN)**

Application

**EP 95111053 A 19950714**

Priority

IT AP940004 A 19940726

Abstract (en)

[origin: EP0694369A1] Device (10) to screw and unscrew threaded elements such as bolts, nuts and screws, which is of a type comprising a torque-multiplier means (1) associated with a spanner-holder shaft (6) including at its free end a spanner (11), the torque-multiplier means (1) cooperating momentarily with an actuation lever (12), the torque-multiplier means (1) comprising a worm (7) associated with the actuation lever (12) and cooperating with a helical gear (8) associated rotatably with the spanner-holder shaft (6), the torque-multiplier means (1) being associated with a containing casing (9) including anchorage arms (3, 5) extending forwards and cooperating at least at two separate points with the structure to which is secured the threaded element to be screwed or unscrewed, the axis of rotation of the actuation lever (12) lying on a substantially horizontal plane parallel to a substantially horizontal plane containing the axis of the threaded element to be screwed or unscrewed, those two axes being positioned at 90 DEG to each other. <MATH>

IPC 1-7

**B25B 17/02**; **B60B 29/00**

IPC 8 full level

**B25B 17/02** (2006.01); **B60B 29/00** (2006.01)

CPC (source: EP)

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Cited by

EP1410926A3; CN100354071C; CN106625369A; CN104870205A; AU2013353692B2; US10065454B2; WO2014087267A1

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